	Application No.	Applicant(s)	
Notice of Allowability	10/671,847	QUADER ET AL.	
	Examiner	Art Unit	
	Pho M Luu	2824	
The MAILING DATE of this communication ap All claims being allowable, PROSECUTION ON THE MERITS herewith (or previously mailed), a Notice of Allowance (PTOL-8 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	IS (OR REMAINS) CLOSED in 35) or other appropriate comm RIGHTS. This application is	n this application. If not included unication will be mailed in due co	ourse. <b>THIS</b>
1. This communication is responsive to			
2. ⊠ The allowed claim(s) is/are <u>1-26</u> .	•		
3. $igotimes$ The drawings filed on $25$ September 2003 are accepted	by the Examiner.		
<ul> <li>4. ☐ Acknowledgment is made of a claim for foreign priority</li> <li>a) ☐ All b) ☐ Some* c) ☐ None of the:</li> <li>1. ☐ Certified copies of the priority documents had</li> <li>2. ☐ Certified copies of the priority documents had</li> </ul>	ave been received. ave been received in Application	on No	,
3. Copies of the certified copies of the priority	documents have been receive	d in this national stage applicatio	n from the
International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DAT noted below. Failure to timely comply will result in ABANDOI THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be sull INFORMAL PATENT APPLICATION (PTO-152) which go an including changes required by the Notice of Draftsperior (a) including changes required by the Notice of Draftsperior (b) including changes required by the attached Examin Paper No./Mail Date ldentifying indicia such as the application number (see 37 CFI each sheet. Replacement sheet(s) should be labeled as such in the decent of the decent sheet of the decent shee	NMENT of this application.  bmitted. Note the attached EX. gives reason(s) why the oath on the submitted.  erson's Patent Drawing Review—  er's Amendment / Comment on the header according to 37 CF posit of BIOLOGICAL MAT	AMINER'S AMENDMENT or NO or declaration is deficient.  w ( PTO-948) attached  r in the Office action of  the drawings in the front (not the befre 1.121(d).  ERIAL must be submitted. No	TICE OF
<ul> <li>Attachment(s)</li> <li>1.  Notice of References Cited (PTO-892)</li> <li>2.  Notice of Draftperson's Patent Drawing Review (PTO-946)</li> <li>3.  Information Disclosure Statements (PTO-1449 or PTO/SI Paper No./Mail Date 03/28/04)</li> <li>4.  Examiner's Comment Regarding Requirement for Depos of Biological Material</li> </ul>	8) 6. ☐ Interview S Paper No. B/08), 7. ☒ Examiner's it 8. ☒ Examiner's 9. ☒ Other <u>Sear</u>	RICHARD ELMS	,
	SUPERVI TECH	ISORY PATENT EXAMINER NOLOGY CENTER 2800	

## **DETAILED ACTION**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In abstract: Line 6, delete "The present invention presents" and

Line 12, delete "According to another aspect of the present invention".

2. Claims 1-26 are pending in the application.

## Information Disclosure Statement

3. Acknowledgment is made of applicant's Information Disclosure Statement (IDS) Form PTO-1449, filed 28 May 2004. The information disclosed therein was considered.

## Allowance

4. Claims 1-26 is allowance.

The following is an examiner's statement of reasons for allowance:

There is no teaching or suggestion in the prior art to: "subsequently allowing the control gate of the selected storage element to discharge while maintaining the erase voltage on the well structure and the non-selected control gate" as claimed in the

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independent claim 1, independent claim 11, independent claim 23 and independent claim 26; or

"concurrently with holding the well structure at the erase voltage, raising the voltage level on a control gate of the non selected storage elements above that which result from the capacitive coupling to the well structure" as claimed in the independent claim 8.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

## Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Chen et al. (US. 6,522,580) disclosed a non-volatile memory having a array of memory cells with at least one storage element is operated with a plurality of storage level ranges per storage element.

7. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Pho M. Luu whose telephone number is 571.272.1876. The examiner can normally be reached on M-F 8:00AM – 5:00PM.

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If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's Supervisor, Richard Elms, can be reached on 571.272.1869. The official fax number for the organization where this application or proceeding is assigned is 703.872.9306 for all official communications.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PML 20 December 2004